

PHYSICAL, PSYCHOSOCIAL AND SEXUAL HEALTH AMONG PEOPLE AGED 50 YEARS AND ABOVE, LIVING WITH AND WITHOUT HIV IN DENMARK

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CONFLICTS OF INTEREST

Gilead

(conference travel and accommodation expenses)

BACKGROUND



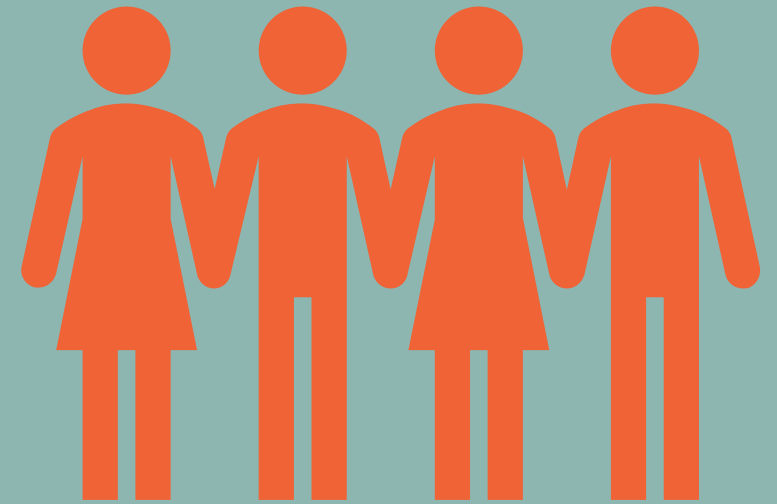
- Effective treatment
- Near-normal life expectancies
- Undetectable equals untransmittable (U=U)
- People with HIV continue to have poorer physical, psychosocial and sexual health
- Not well-explored among people with HIV aged ≥ 50
- Proportion predicted to increase from 28% in 2010 to 76% in 2030

AIM

- Examine physical, psychosocial and sexual health among people aged ≥ 50 years with HIV in Denmark compared to people without HIV

METHODS

- Self-reported data from the SHARE study
Nationwide recruitment between 2021-2022
- Electronic study questionnaire with patient-reported outcomes measures
- Comparison data from people without HIV and from the Danish HIV Cohort Study
- Logistic regression analyses



RESULTS



n= 322 vs. n= 15.548

	With HIV (n, %)	Without HIV (n, %)
Age, median [IQR]	59 [55;65]	64 [57;72]
Not in relationships	126 (39.7)	2216 (13.7)
Non-Danish parentage	27 (8.4)	319 (2.1)
Non-heterosexual	242 (75.2)	1228 (7.9)



n= 67 vs. n= 13.926

	With HIV (n, %)	Without HIV (n, %)
Age, median [IQR]	56 [53;62]	62 [55;69]
Not in relationships	34 (50.7)	3244 (23.4)
Non-Danish parentage	20 (29.9)	250 (1.8)



n= 322 vs. n= 15.548

PHYSICAL HEALTH



n= 67 vs. n= 13.926

	aOR
Cardiovascular disease	1.56 [1.08-2.26]
Lung diseases	2.79 [1.51-5.15]
Liver diseases	2.51 [1.10-5.72]
Osteoporosis	2.61 [1.09-6.25]

	aOR
Hypertension	2.45 [1.19-5.05]
Liver diseases	5.23 [1.51-18.09]
Osteoporosis	3.24 [1.09-9.64]

PSYCHOSOCIAL HEALTH



n= 322 vs. n= 15.548

	aOR
Anxiety	1.45 [1.01-2.08]
Suicidal tendencies	1.82 [1.10-3.01]
Depression (PHQ-2 score ≥ 3)	1.65 [1.08-2.52]



n= 67 vs. n= 13.926

	aOR
Loneliness	2.00 [1.14-3.51]
Victim of domestic abuse	2.39 [1.30-4.39]

SEXUAL HEALTH



n= 322 vs. n= 15.548

aOR

No sexual needs	2.38 [1.23-4.63]
Lack of sexual desire	1.82 [1.13-2.95]
Erectile dysfunction	2.28 [1.39-3.74]
Orgasmic dysfunction	2.89 [1.60-5.22]
Erectile dysfunction medication use	1.81 [1.27-2.59]



n= 67 vs. n= 13.926

aOR

No sexual needs	2.51 [1.21-5.22]
Lack of sexual desire	2.55 [1.29-5.03]
Lubrication dysfunction	3.95 [1.41-11.05]
Genital pain dysfunction	4.00 [1.39-11.52]

CONCLUSION



- ↑ Co-morbidities
- ↓ Sexual needs
- ↓ Sexual desire
- ↑ Sexual dysfunction



- ↑ Anxiety
- ↑ Suicidal tendencies
- ↑ Depression



- ↑ Loneliness
- ↑ Domestic abuse

THANK YOU TO OUR PARTICIPANTS, CO-AUTHORS,
COLLABORATORS
AND FINANCIAL SUPPORTERS

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Adjustment factors

- Age
- Sexual identity
- Relationship status
- Ethnicity
- Financial difficulties
- Self-rated health
- History of treatment for mental health problems
- Smoking
- Drug use
- Alcohol
- BMI

PROMs

- The 7-item Generalized Anxiety Scale GAD-7
- The 2-item Patient Health Questionnaire PHQ-2
- The 6-item Female Sexual Function Index FSFI-6
- The 5-item International Index of Erectile Function IIEF-5/HIIEF-5
- The 12-item short HIV Stigma Scale